

# Hanksite - $\text{Na}_{22}\text{K}(\text{SO}_4)_9(\text{CO}_3)_2\text{Cl}$

Hardness: 3 - 3.5. Cleavage: Distinct/good. Very easily soluble in water or dilute acids. Rinse only in the liquor in which the specimen was formed, as mineral may be altered with saturated NaCl solution (brine). Dehydrates readily, developing a white coating; store in sealed container or under oil. Hygroscopic in humid environments; store in sealed container with desiccant.

## References

Mindat: <https://www.mindat.org/min-1815.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/hanksite.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

King, R. (1982) The cleaning of minerals. Journal of the Russell Society, 1 (1), 42–53.

Rohner, T. (2000) Properly clean minerals online cleaning book.

[www.strahlen.org/stepbystep/mineralien-reinigung2.pdf](http://www.strahlen.org/stepbystep/mineralien-reinigung2.pdf). In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.

Wight, Q. (1993) The Complete Book of Micromounting, 281 p. Mineralogical Record, Tucson, Arizona.